



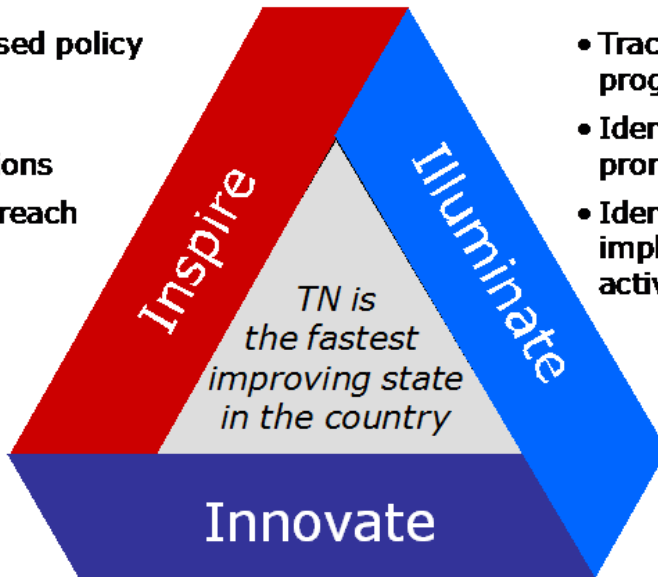
S C  R E

State Collaborative on Reforming Education

SCORE at Work

The State Collaborative on Reforming Education (SCORE) collaboratively supports Tennessee's work to prepare students for college and the workforce. We are an independent, non-profit, and non-partisan advocacy and research institution, founded by former U.S. Senate Majority Leader Bill Frist.

- Research-based policy advocacy
- Strategic communications
- Targeted outreach



- Track statewide progress
- Identify and spread promising practices
- Identify implementation needs; activate a response

- Identify, cultivate, and spread innovations



Today's Conversation

- The jobs/education connection
- Role of higher standards in college and career readiness
- Tennessee's progress on college and career readiness





Jobs and Education – By the Numbers

55 million

the number of new job openings the U.S. economy is projected to create by 2020.

65%

the number of new jobs that will require postsecondary education or training. Up from 59% in 2010

36%

*The number of new jobs requiring only a high-school education in 2020
Up from **41%** in **2010**
Up from **72%** in **1973***

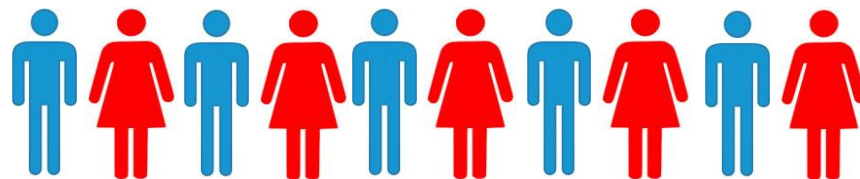
4 out of 5

the number of the fastest-growing occupations — healthcare professional and technical, STEM, education, and community services — that will require high levels of postsecondary education (above 80%)

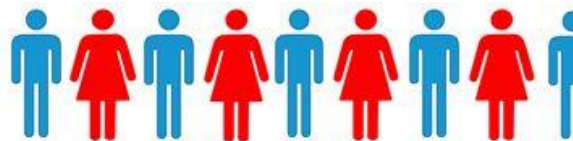


Far Too Few Tennessee Ninth-Graders Will Eventually Earn a Degree

For every **100 ninth-graders** in Tennessee



87 graduate high school



Of those 87, **59 enroll** in a public postsecondary institution



Currently, only 43 percent of enrollees will complete a postsecondary credential within six years of high school

Note: Graduation and enrollment data for 2011-12 graduating class. Completion data based upon Fall 2006 cohort.

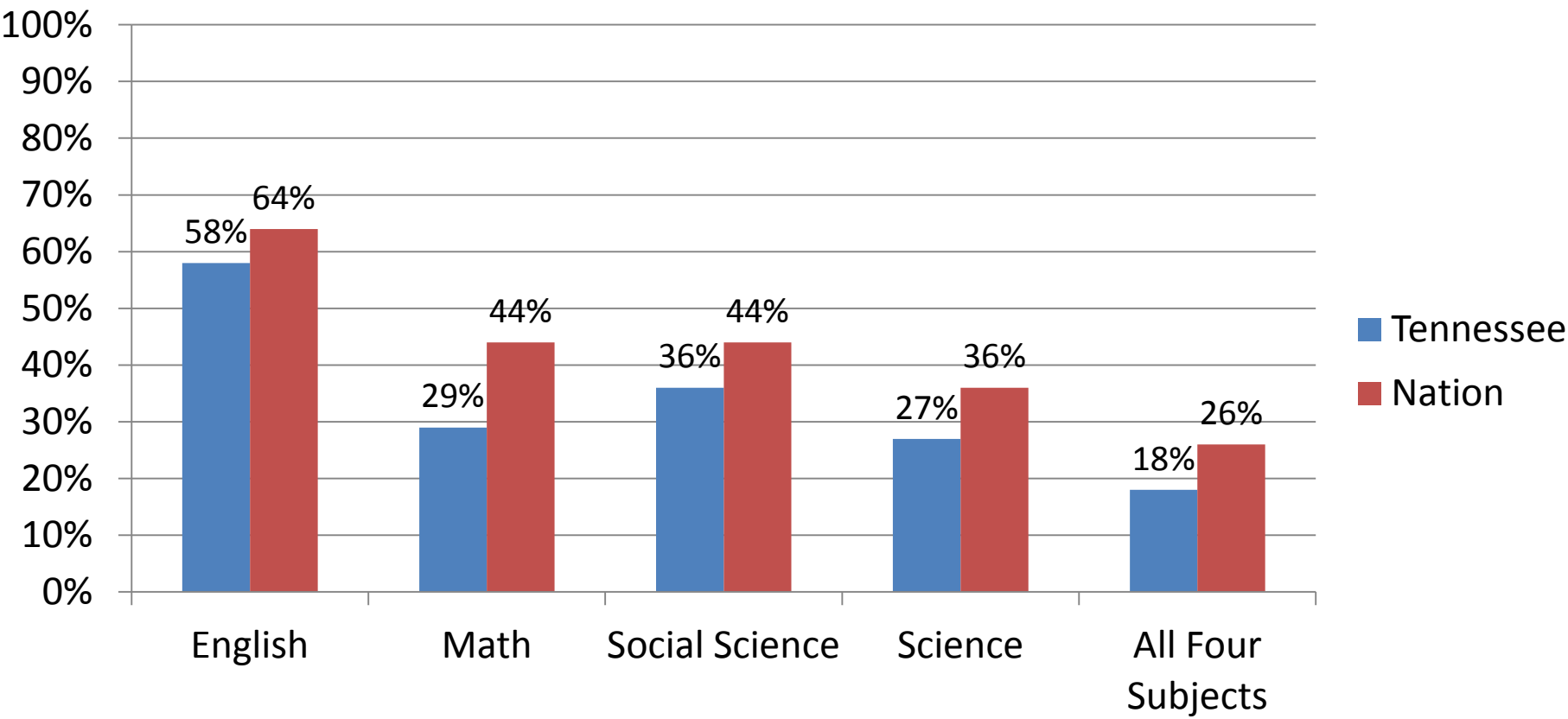
Sources: Graduation Data: 2012 TDOE State Report Card

College Enrollment Data: THEC College Going Rate Data

College Completion Data: THEC 2012-13 Factbook (Table 2.16)



2013 High School Graduates Meeting ACT College Readiness Benchmarks



Note: Beginning with the Graduating Class of 2013, all students whose scores are college reportable, both standard and extended time tests, are now included. Also beginning with the 2013 Graduating Class data, College Readiness Benchmarks for Reading and Science were updated to reflect the most recent college coursework research.



Tennessee's Data: Improving

- **More than 91,000** additional students across all grade levels are at or above grade level in math, as compared to 2010.
- **More than 51,000** additional students are at or above grade level in all science subjects, as compared to 2010.
- **Nearly 30 districts** across the state saw double-digit gains in Algebra I, some gaining over 25 percentage points.
- **More than 50 districts** saw double-digit gains in Algebra II, some reporting growth over 40 percentage points.

Source: TDOE 2013 Statewide TCAP Results



Tennessee's NAEP Performance, 2005-2013

	2005	2007	2009	2011	2013
4 th Grade Reading	39 th	39 th	38 th	41 st	31 st
4 th Grade Math	40 th	43 rd	44 th	46 th	37 th
8 th Grade Reading	34 th	35 th	33 rd	41 st	34 th
8 th Grade Math	42 nd	41 st	42 nd	45 th	43 rd

Source: NAEP (Nation's Report Card) State Comparisons Tool

Key Pieces of Tennessee's Work to Improve Student Achievement







Why Tennessee Needs High Standards

- In 2007, U.S. Chamber of Commerce gave Tennessee an “F” in “Truth in Advertising”, based on our inability to equip graduates with the skills and knowledge they need to compete in the modern workforce.
 - What we were saying: 90% of students are proficient in math.
 - Reality: Less than 35% were actually proficient
- High school students enter college unprepared, unable to maintain a passing GPA, and struggling to graduate.
- 30% of freshmen at Tennessee public colleges and universities (67% at TBR community colleges) in remedial/developmental courses in fall 2012.



Raising Expectations in Tennessee

- Standards are the knowledge and skills that students are expected to learn in each grade and subject.
- Tennessee took the first step to raise standards in 2009 through the Tennessee Diploma Project. We raised the bar again with the Common Core State Standards.
- The Common Core State Standards are a set of higher expectations in math and English/language arts in K-12, designed to provide students the real-world skills needed to succeed in postsecondary and the workforce.
- Developed by state leaders to ensure that every student graduates high school prepared for postsecondary education and the workforce.



Tennessee's Common Core State Standards

Higher

- Students learn important concepts in earlier grades—just as they do in the highest-performing schools internationally.

Real

- These new standards focus on **real learning** instead of rote memorization and test-taking skills.

Relevant

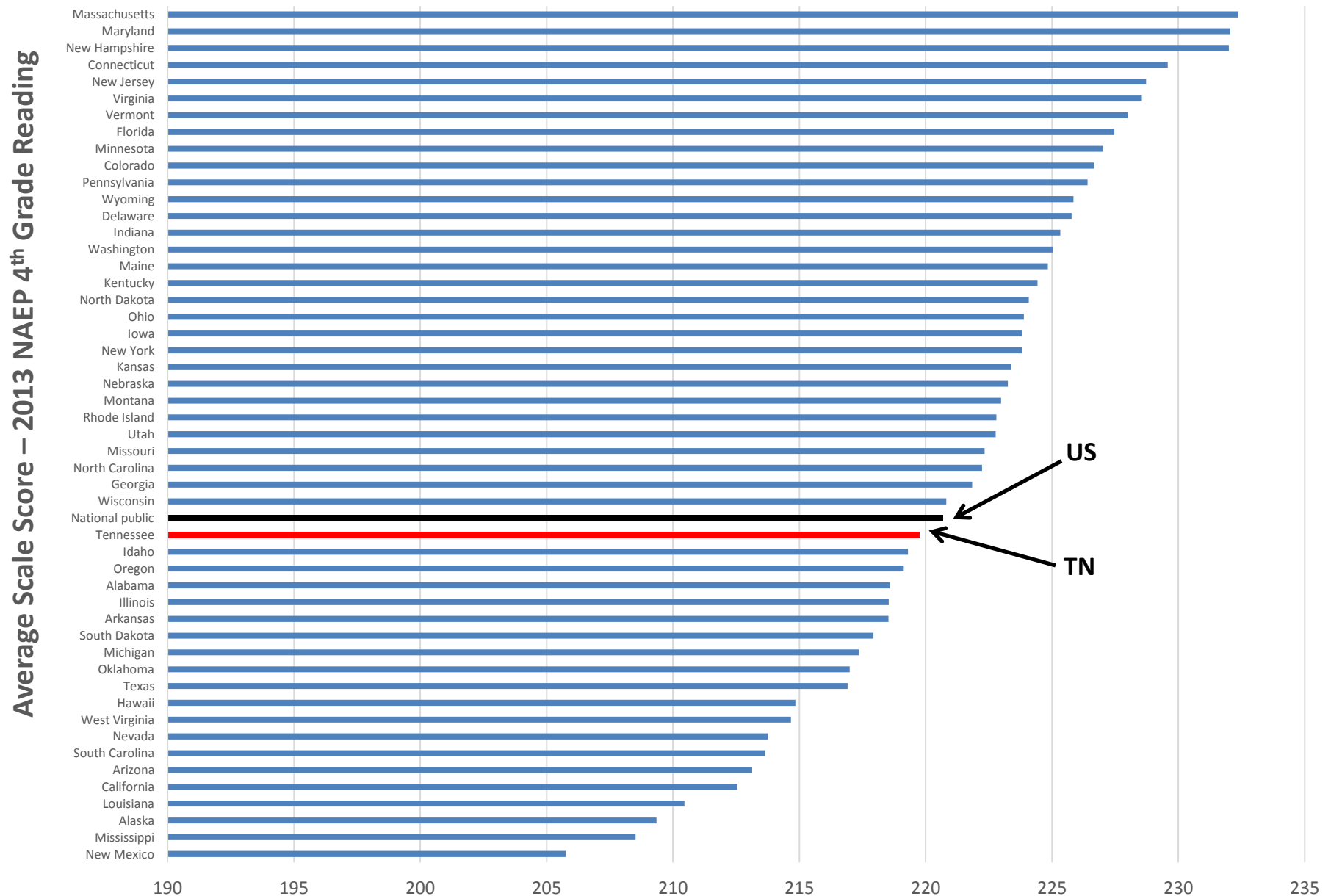
- Standards focus on **real-world skills** like critical thinking and problem-solving.



Where Are We Now?

- Training for more than 40,000 educators
- 2013-14 school year is the final year of implementation
- 2014-15 school year will see new (online) tests to measure student progress
- Impact: Meaningful and unprecedented gains

Tennessee: Below the National Average



Source: NAEP (Nation's Report Card) State Comparisons Tool: <http://nces.ed.gov/nationsreportcard/statecomparisons/>



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